T09T20 T4SH0560

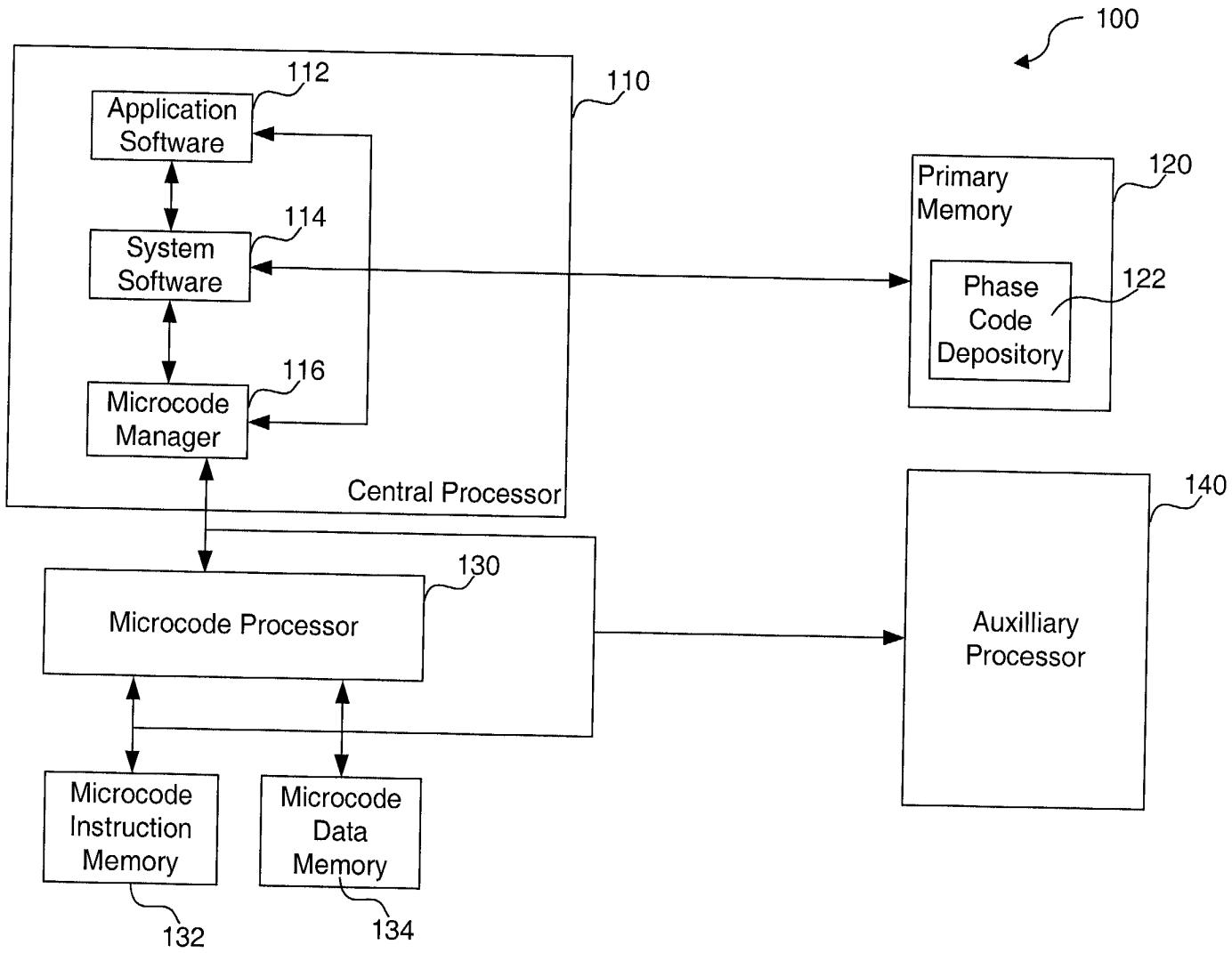

FIG. 1

T09720" Tksh0660

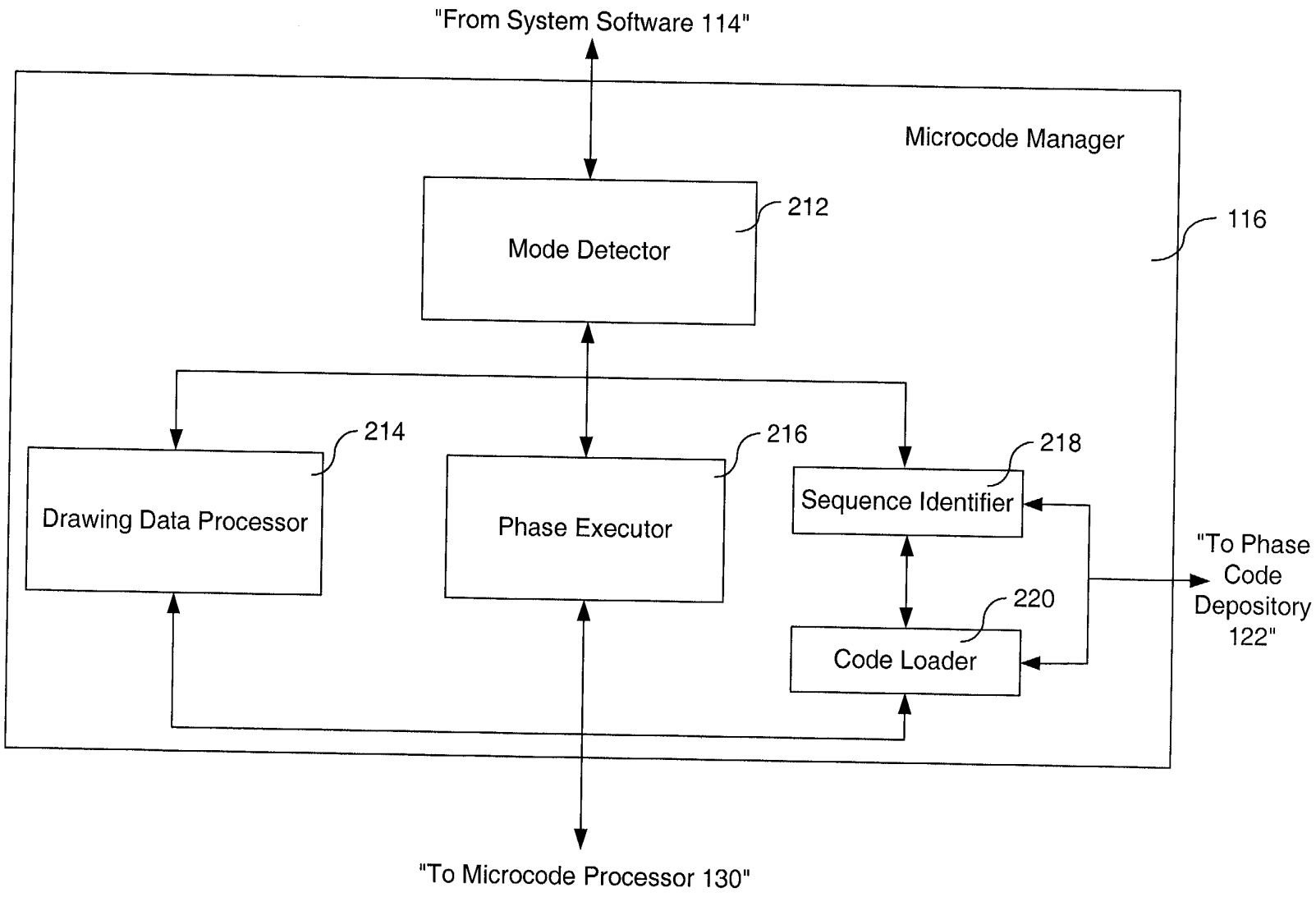

FIG. 2

T0370 T4540660

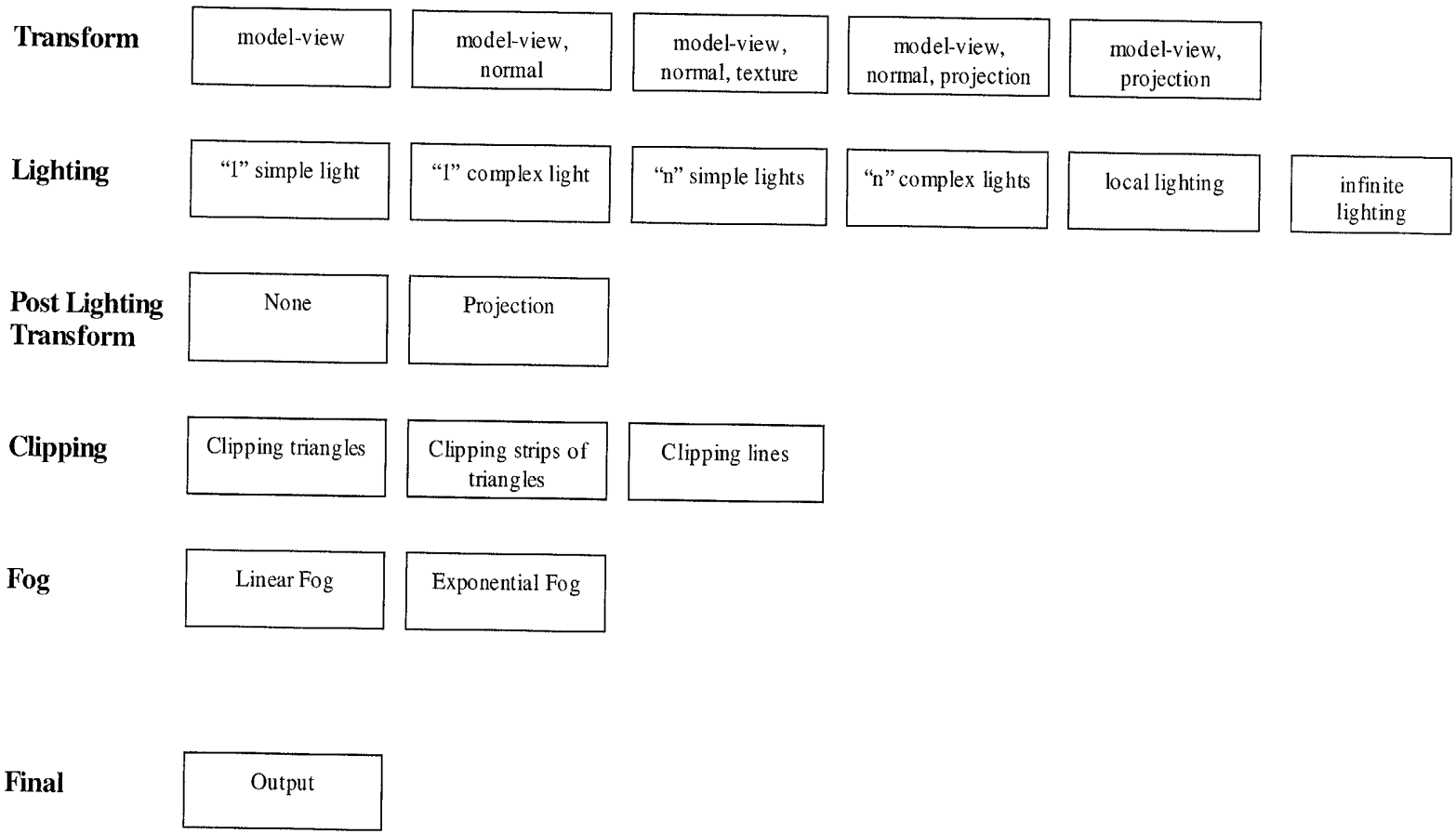

FIG. 3

Phase Module Sequence A

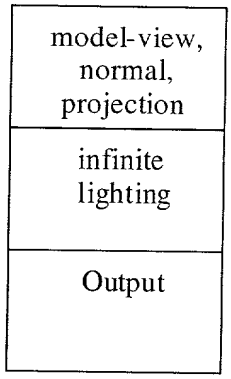

FIG. 4a

Phase Module Sequence B

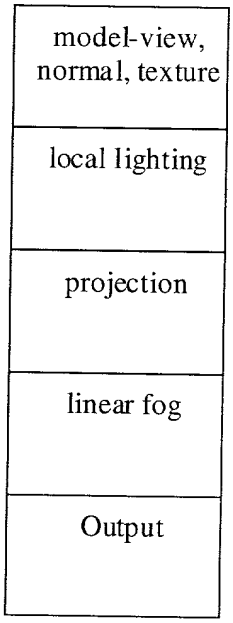

FIG. 4b

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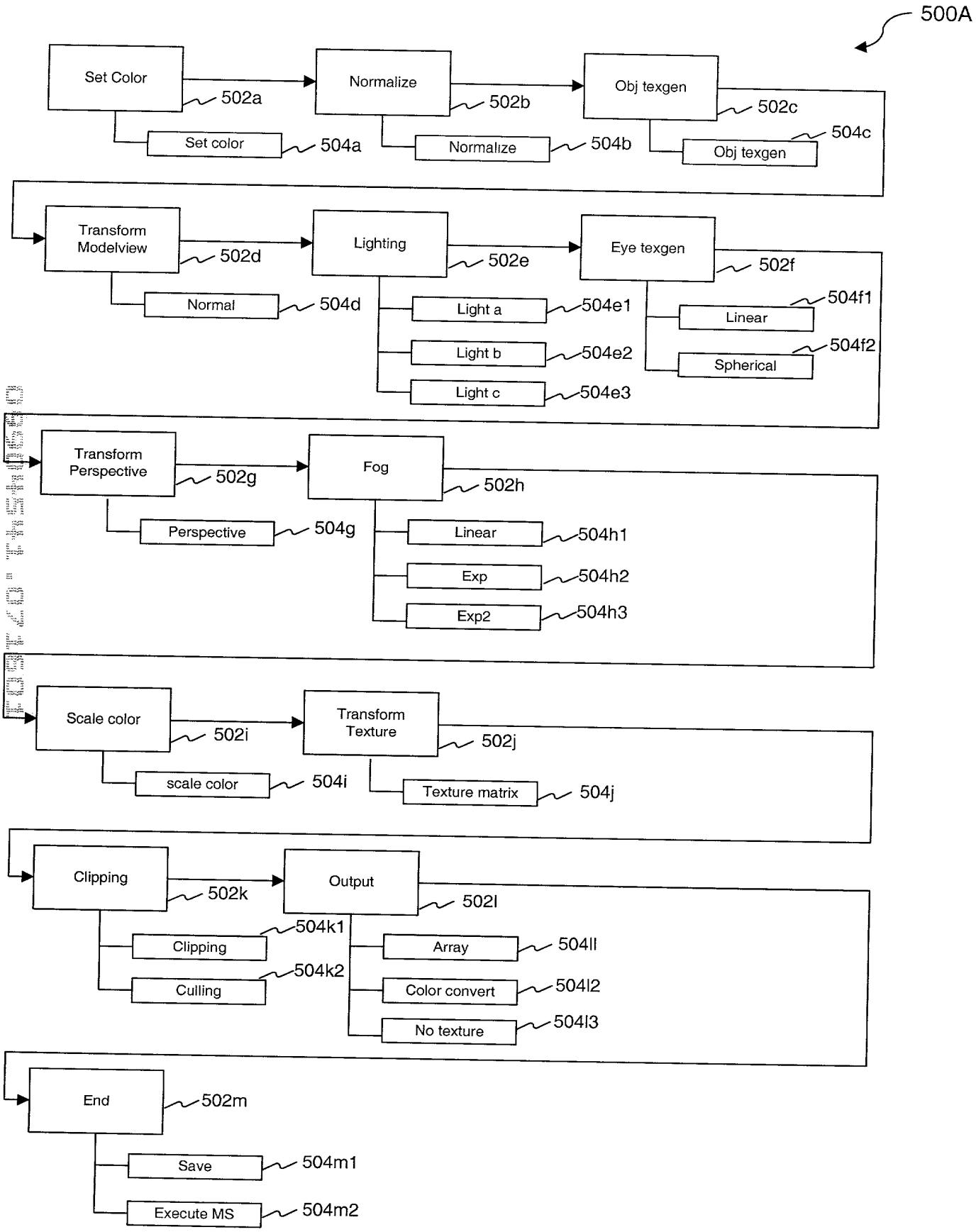
500A
Set Color
502a
Set color
504a
Normalize
502b
Normalize
504b
Obj texgen
502c
504c
Obj texgen
Transform Modelview
502d
Normal
504d
Lighting
502e
Light a
504e1
Light b
504e2
Light c
504e3
Eye texgen
502f
504f1
Linear
504f2
Spherical
Transform Perspective
502g
Perspective
504g
Fog
502h
Linear
504h1
Exp
504h2
Exp2
504h3
Scale color
502i
scale color
504i
Transform Texture
502j
Texture matrix
504j
Clipping
502k
504k1
Clipping
504k2
Culling
Output
502l
Array
504l1
Color convert
504l2
No texture
504l3
End
502m
Save
504m1
Execute MS
504m2

FIG. 5A

Electronic Patent Application Fee Transmittal

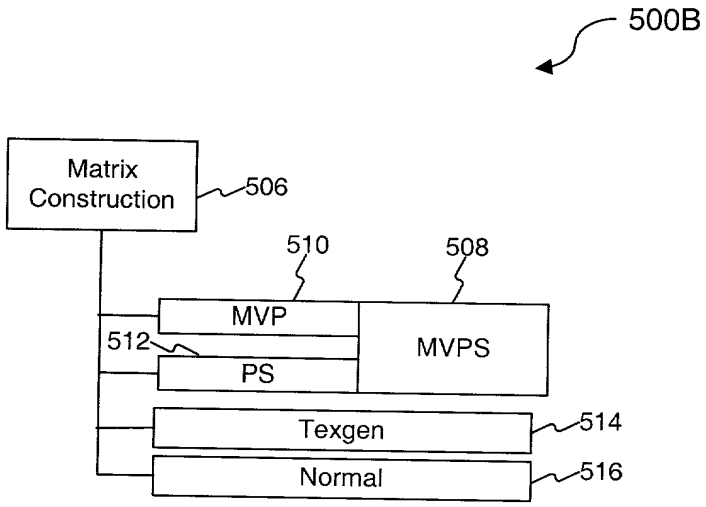

FIG. 5B

POSTER" TASK0560

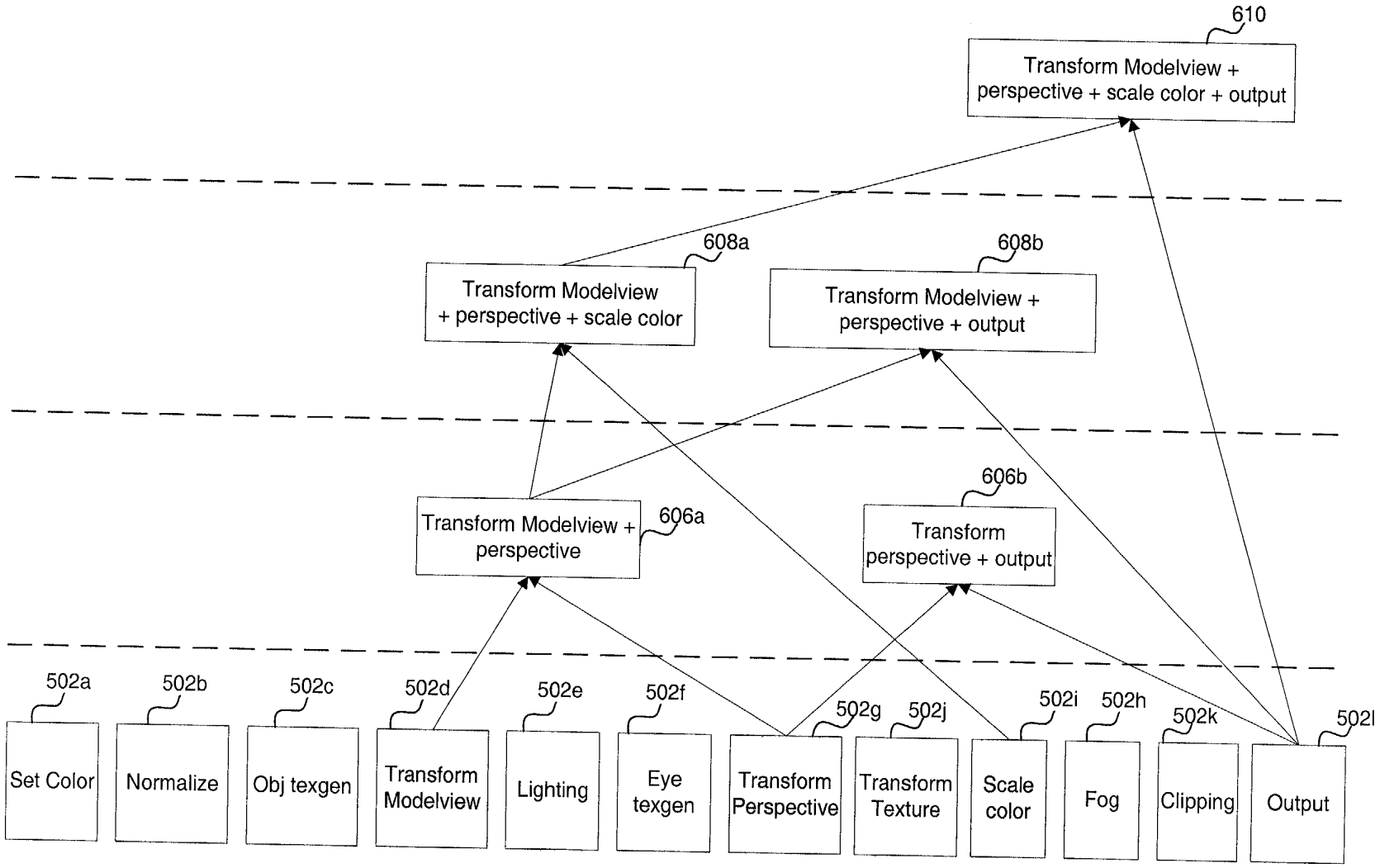

FIG. 6

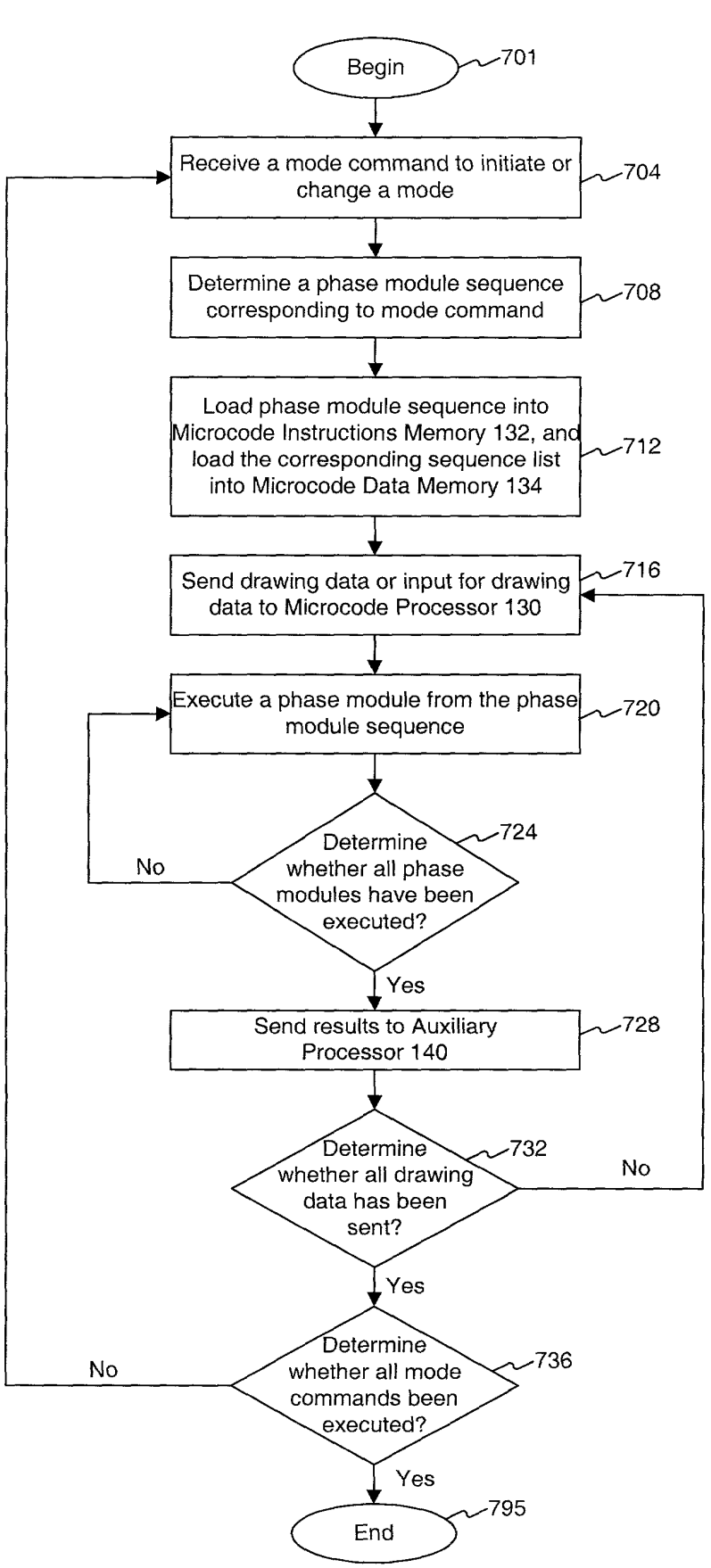
700
Begin
701
Receive a mode command to initiate or change a mode
704
Determine a phase module sequence corresponding to mode command
708
Load phase module sequence into Microcode Instructions Memory 132, and load the corresponding sequence list into Microcode Data Memory 134
712
Send drawing data or input for drawing data to Microcode Processor 130
716
Execute a phase module from the phase module sequence
720
Determine whether all phase modules have been executed?
724
No
Yes
Send results to Auxiliary Processor 140
728
Determine whether all drawing data has been sent?
732
No
Yes
Determine whether all mode commands been executed?
736
No
Yes
End
795

FIG. 7

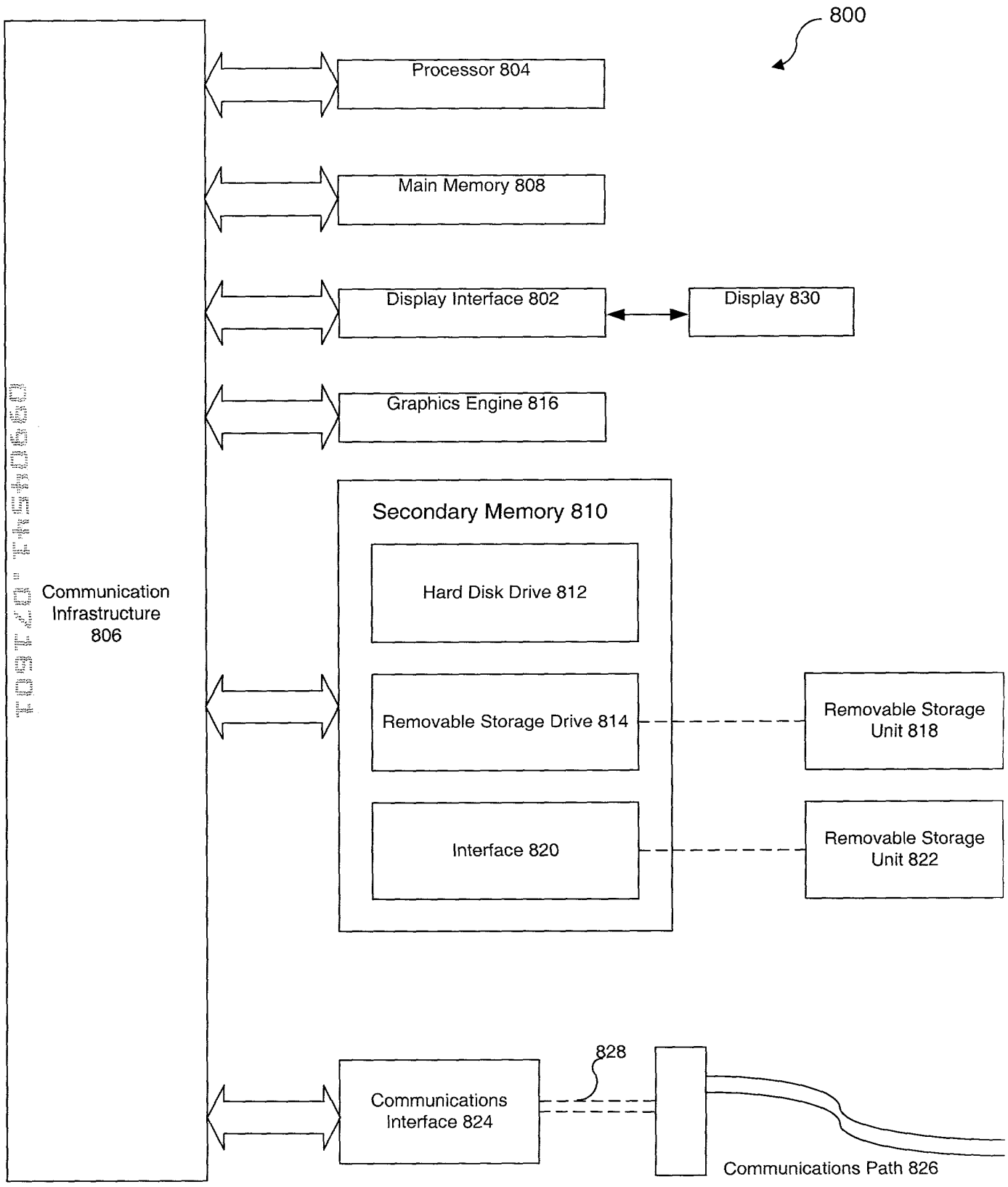
800
Processor 804
Main Memory 808
Display Interface 802
Display 830
Graphics Engine 816
Secondary Memory 810
Hard Disk Drive 812
Removable Storage Drive 814
Removable Storage Unit 818
Interface 820
Removable Storage Unit 822
Communication Infrastructure 806
828
Communications Interface 824
Communications Path 826

FIG. 8